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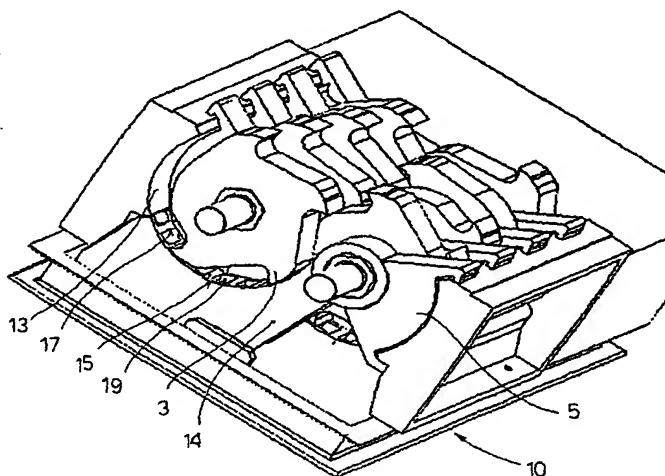
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(54) Title: TWO-SHAFT INDUSTRIAL SHREDDER



(57) **Abstract:** An industrial shredder is described - designed to shred the most diverse materials, such as plastic, rubber, paper, wood, metals and the like - which comprises two counter-rotating shafts (1), parallel to each other, whereon are keyed disc-shaped blades (2) with one or more teeth (3), intercalated with spacers (4) having about the same thickness as the blades and a diameter smaller than the blades one, so that the spacers (4) of one shaft are blades and a diameter smaller than the blades one, so that the spacers (4) of one shaft are opposed to the blades (2) of the other shaft, said shafts (1) being so spaced that the blades of one shaft intersect with those of the other shaft to force the material poured into an upper cutting chamber (7) to be sheared between said blades. Beneath said blades (2) hollow supports (14) having a circular profile (15) at the top are provided, connected with which fixed blades (17) are disposed, which cooperate with said blades (2) to perform further cutting of the material already sheared between the opposed blades, said supports (14) extending until they almost come into contact with the spacers (4) of the other shaft to perform cleaning thereof.